OC 450

AIRPORT OBSTRUCTION CHART
STEWART INTERNATIONAL AIRPORT, NEWBURGH, NEW YORK

AIRPORT ELEVATION 491 FEET

AMENDMENT DATA

See SPECIAL NOTICES in "Dates of Latest Editions, Airport Obstruction Charts – Obstruction Data Sheets," for possible corrections. National Oceanic and Atmospheric Administration (NOAA) publications are available through NOAA Distribution Branch (N/CG33), National Ocean Service, Riverdale, MD 20737. Telephone: 301-436-6990.

DIMENSIONS AND ELEVATIONS ARE IN FEET

Surveyed and compiled by the National Ocean Service (NOS), U.S. Department of Commerce in accordance with specifications and standards of accuracy of the Federal Aviation Administration, Department of Transportation and NOS.

6th Edition
Field Surveys June 1990
Published December 1990

1000 500 0 5000 10000 FEET
500 1500 3000 METERS

Published at Washington, D.C.
U.S. Department of Commerce
National Oceanic and Atmospheric Administration
National Ocean Service

C55.411/3: OC450/990

AIRPORT OBSTRUCTION CHART
STEWART INTERNATIONAL AIRPORT, NEWBURGH, NEW YORK

North American Datum of 1983 (NAD 83) coordinates may be converted to chart datum coordinates for plotting on this chart by adding the following corrections to the NAD 83 coordinates.

Latitude	–00.34"
Longitude	01.48"

These corrections represent a shift of approximately 36 meters (118 feet).

LEGEND

- Airport Reference Point (ARP)
- Official Airport Elevation
- With elevation: object does not penetrate specified or supplemental surface. Without elevation: position only.
- Object penetrates specified surface.
- Wooded area penetrates specified surface.
- Ground area penetrates specified surface.
- Object penetrates supplemental surface only.
- Wooded area penetrates supplemental surface only.
- Ground area penetrates supplemental surface only.
- Water
- Threshold lights
- S — Supplemental surface.
- ( ) — Feet above ground level.
- Road(I) — Interstate highway.
- Road(N) — Noninterstate highway.
- OL — Obstruction Light or Obstruction Lighted.

SPECIAL NOTES

Fifteen feet added to noninterstate road elevations.
Seventeen feet added to interstate road elevations.
Twenty-three feet added to railroad track elevations.
Transitional surface slopes are 7:1 unless otherwise indicated.
Obstructing area limits are approximate.

AIRPORT OBSTRUCTION CHART

The Airport Obstruction Chart (OC) depicts Federal Aviation Regulations Part 77 (FAR 77) surfaces, a representation of objects that penetrate these surfaces, aircraft movement and apron areas, navigational aids, prominent airport buildings, and a selection of roads and other planimetric detail in the airport vicinity. Also included are tabulations of runway and other operational data.

OC content, format, and accuracy conform to the standards specified in FAR 77, "Objects Affecting Navigable Airspace" and FAA Nr 405, "Specifications — Airport Obstruction Chart and Related Products."

HORIZONTAL SCALE	1:12,000
HORIZONTAL DATUM	North American Datum of 1927
VERTICAL DATUM	National Geodetic Vertical Datum of 1929
PROJECTION	Transverse Mercator
GRID SYSTEM	New York State Grid East Zone

OPERATIONAL DATA

AIRPORT LOCATION POINT — LAT. 41° 30' — LONG. 74° 06' (R)
AIRPORT REFERENCE POINT — LAT. 41° 30' 14.43" — LONG. 74° 06' 18.89" (R)

RUNWAY	LATITUDE	LONGITUDE	TDZE	*GEODETIC AZIMUTH
9	41° 30' 02.680"	74° 07' 51.457"		258° 23' 31"
**9	41° 30' 06.600"	74° 07' 25.816"	482	
27	41° 30' 26.206"	74° 05' 19.336"		78° 23' 31"
**27	41° 30' 22.248"	74° 05' 44.959"	468	
16	41° 30' 39.923"	74° 06' 06.512"	471	329° 22' 20"
34	41° 29' 48.863"	74° 05' 26.306"	462	149° 22' 44"

*Geodetic azimuth reckoned clockwise from south.
**Displaced threshold

SEE OTHER SIDE FOR PROFILES

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National Oceanic and Atmospheric Administration
National Ocean Service

5000 10000 FEET
1500 3000 METERS
1 0 1 MILE
STATUTE MILES
NAUTICAL MILES

STEWART INTERNATIONAL AIRPORT,
NEWBURGH, NEW YORK

OC 450

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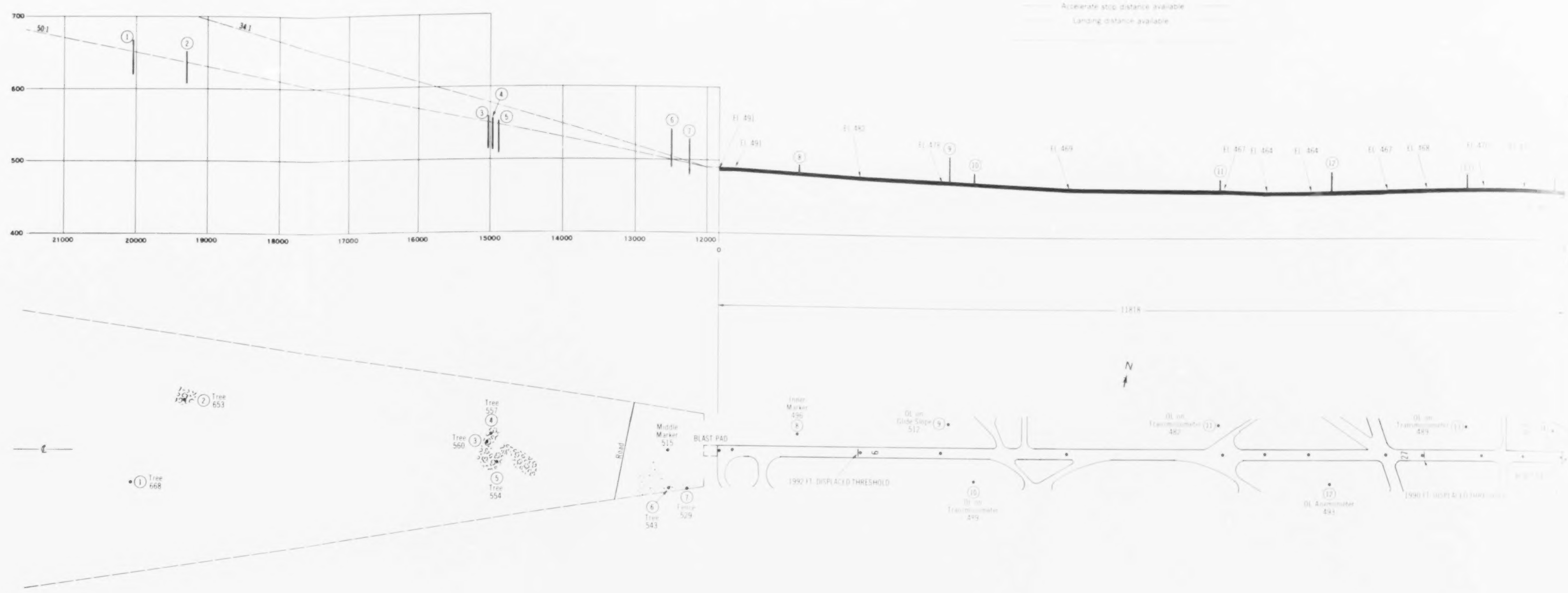
RUNWAY PLANS AND PROFILES

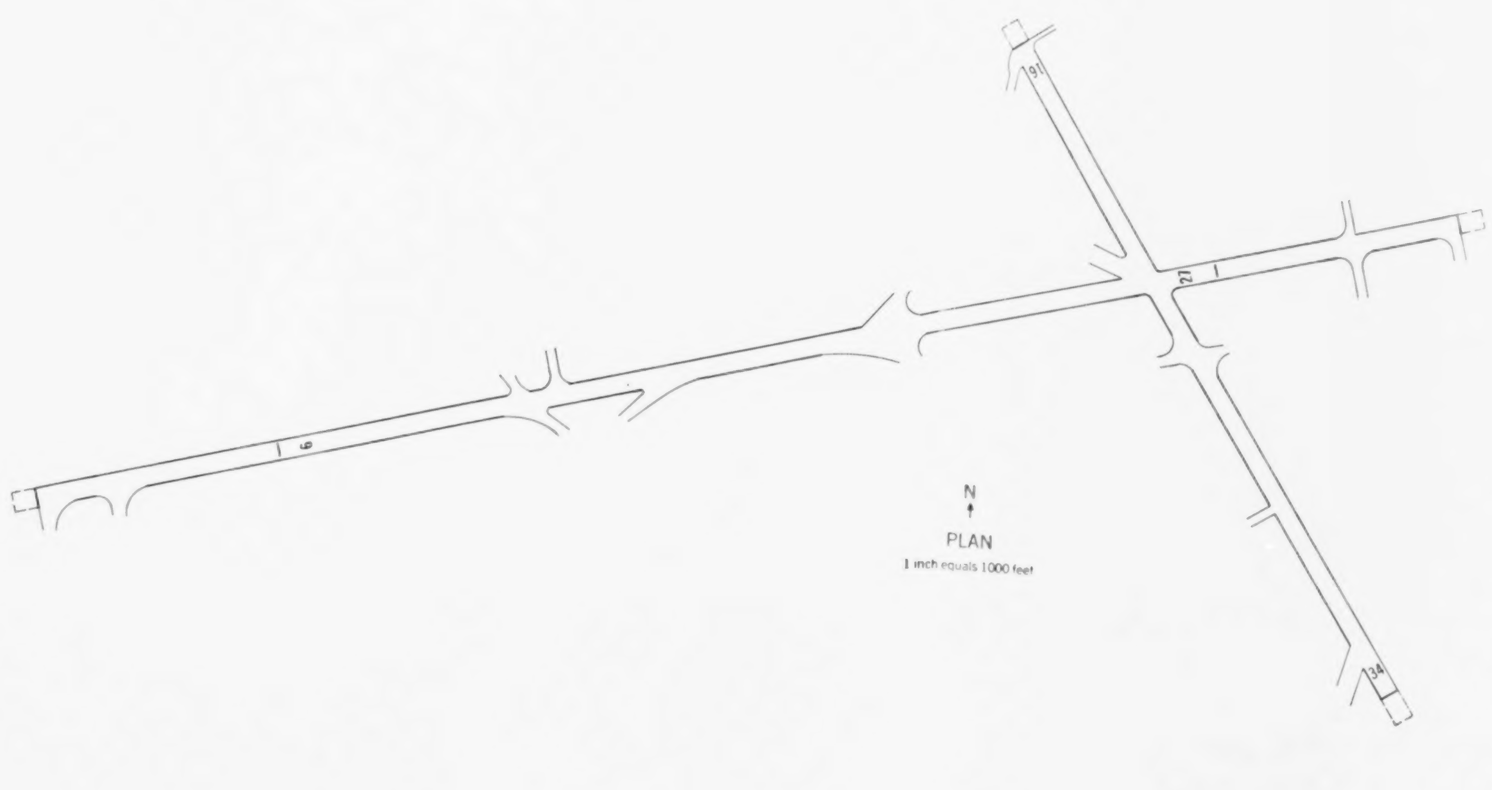
OPERATIONAL DATA

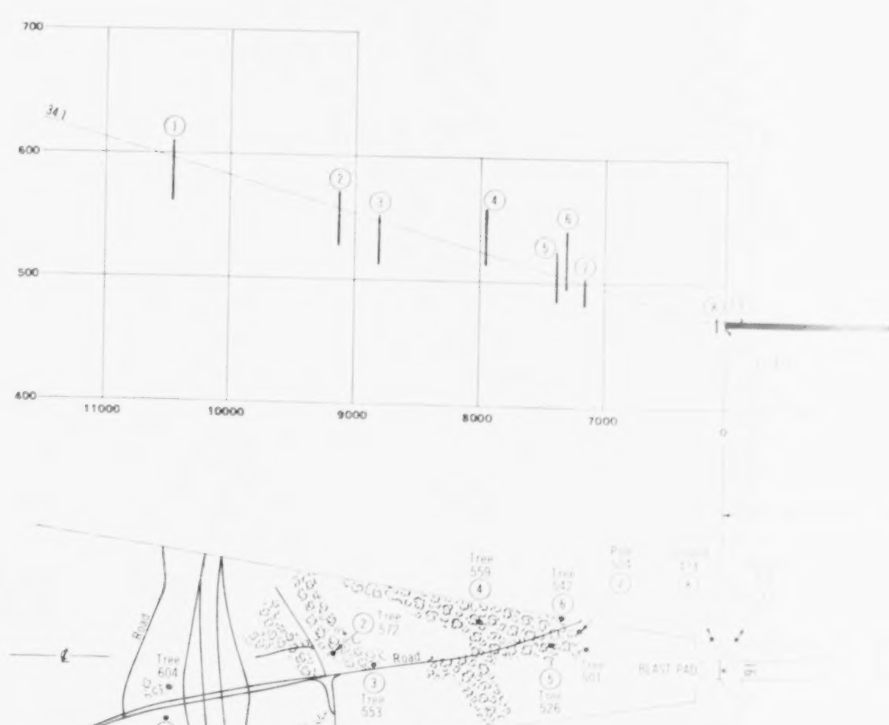
RNWY RNWY

- Take-off run available
- Take-off distance available
- Accelerate stop distance available
- Landing distance available



700
600
500
400
21000
20000
19000
18000
17000
16000
15000
14000
13000
12000
50:1
34:1
El. 491
El. 491
El. 482
El. 478
El. 469
El. 467
El. 464
El. 464
El. 467
El. 468
11818
N
Tree 653
Tree 668
Tree 557
Tree 560
Tree 554
Road
Middle Marker 515
Tree 543
Fence 529
BLAST PAD
Inner Marker 496
OL on Glide Slope 512
1992 FT. DISPLACED THRESHOLD
OL on Transmissometer 499
OL on Transmissometer 482
OL Anemometer 493
OL on Transmissometer 489
1990 FT. DISPLACED THRESHOLD



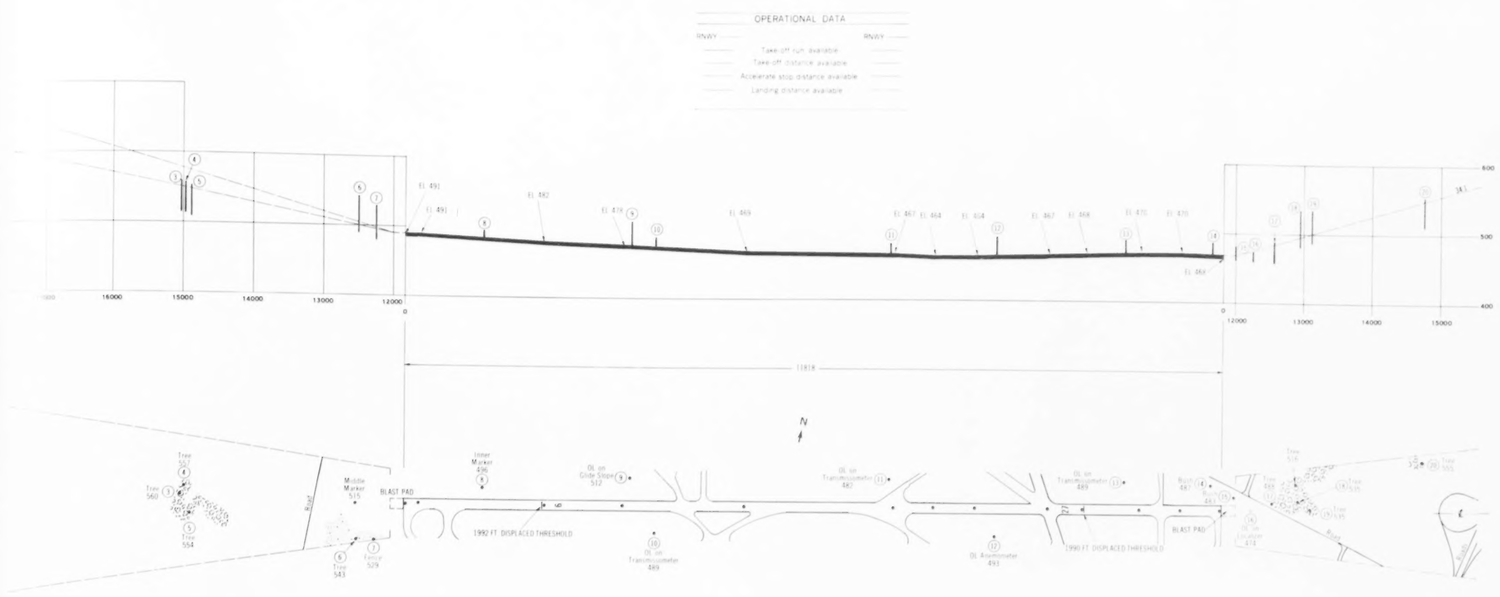


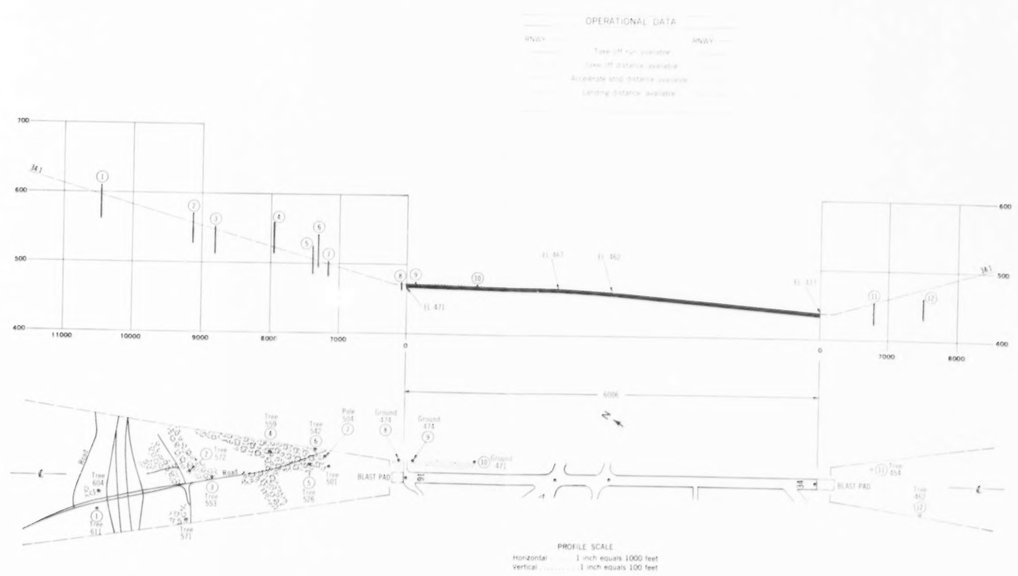
AMENDMENT DATA

DIMENSIONS AND ELEVATIONS ARE IN FEET

STEWART INTERNATIONAL AIRPORT, NEWBURGH, NEW YORK

RUNWAY PLANS AND PROFILES





PROFILE SCALE
Horizontal ..... 1 inch equals 1000 feet
Vertical ..... 1 inch equals 100 feet

VERTICAL SCALE

SEE OTHER SIDE FOR PLAN

STEWART INTERNATIONAL AIRPORT, NEWBURGH, NEW YORK